RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/230,111B

DATE: 11/07/2000
TIME: 1:01:27

Input Set : A:\48962apl.app
Output Set: N:\CRF3\11072000\I230111B.raw

Does Not Comply
Corrected Diskette Needed

```
 3  <110> APPLICANT: Sato, Taka-Aki
 4         Yanagisawa, Junn
 6  <120> TITLE OF INVENTION: COMPOUNDS THAT INHIBIT INTERACTION BETWEEN
 7         SIGNAL-TRANSDUCING PROTEINS AND THE GLGF (PDZ/DHR)
 8         DOMAIN AND USES THEREOF
10  <130> FILE REFERENCE: 48962-A-PCT-US
12  <140> CURRENT APPLICATION NUMBER: 09/230,111B
13  <141> CURRENT FILING DATE: 1999-05-17
15  <160> NUMBER OF SEQ ID NOS: 33
17  <170> SOFTWARE: PatentIn Ver. 2.1
19  <210> SEQ ID NO: 1
20  <211> LENGTH: 4
21  <212> TYPE: PRT
22  <213> ORGANISM: Artificial Sequence
24  <220> FEATURE:
25  <223> OTHER INFORMATION: Description of Artificial
26         Sequence:source:synthesized
28  <220> FEATURE:
29  <221> NAME/KEY: SITE
30  <222> LOCATION: (1)
31  <223> OTHER INFORMATION: Xaa=Gly, Ser, Ala or Glu
33  <220> FEATURE:
34  <221> NAME/KEY: SITE
35  <222> LOCATION: (4)
36  <223> OTHER INFORMATION: Xaa=Phe, Ile or Leu
38  <400> SEQUENCE: 1
W--> 39 Xaa Leu Gly Xaa
40    1
13  <210> SEQ ID NO: 2
44  <211> LENGTH: 6
45  <212> TYPE: PRT
46  <213> ORGANISM: Artificial Sequence
48  <220> FEATURE:
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50         Sequence:source:synthesized
52  <220> FEATURE:
53  <221> NAME/KEY: SITE
54  <222> LOCATION: (1)
55  <223> OTHER INFORMATION: Xaa=Lys, Arg or Gln
57  <220> FEATURE:
58  <221> NAME/KEY: SITE
59  <222> LOCATION: (2)
60  <223> OTHER INFORMATION: Xaa=any 2-4 amino acids
62  <220> FEATURE:
63  <221> NAME/KEY: SITE
64  <222> LOCATION: (3)
65  <223> OTHER INFORMATION: Xaa=Gly, Ser, Ala or Glu
```

Xaa may only represent one residue. See #6 on the Error Summary Sheet

RAW SEQUENCE LISTING   DATE: 11/07/2000
PATENT APPLICATION: US/09/230,111B   TIME: 15:01:29

Input Set : A:\48962ap1.app
Output Set: N:\CRF3\11072000\1230111B.raw

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 57 <220> FEATURE:
 68 <221> NAME/KEY: SITE
 69 <222> LOCATION: (6)
 70 <223> OTHER INFORMATION: Xaa=Phe, Ile or Leu
 72 <400> SEQUENCE: 2
W--> 73 Xaa Xaa Xaa Leu Gly Xaa         See p.1
 74      1               5
 77 <210> SEQ ID NO: 3
 78 <211> LENGTH: 4
 79 <212> TYPE: PRT
 80 <213> ORGANISM: Artificial Sequence
 82 <220> FEATURE:
 83 <223> OTHER INFORMATION: Description of Artificial
 84        Sequence:source:synthesized
 86 <400> SEQUENCE: 3
 87 Ser Leu Gly Ile
 88      1
 91 <210> SEQ ID NO: 4
 92 <211> LENGTH: 3
 93 <212> TYPE: PRT
 94 <213> ORGANISM: Artificial Sequence
 96 <220> FEATURE:
 97 <223> OTHER INFORMATION: Description of Artificial
 98        Sequence:source:synthesized
100 <220> FEATURE:
101 <221> NAME/KEY: SITE
102 <222> LOCATION: (1)
103 <223> OTHER INFORMATION: Xaa=Ser or Thr
105 <220> FEATURE:
106 <221> NAME/KEY: SITE
107 <222> LOCATION: (2)
108 <223> OTHER INFORMATION: Xaa=any one amino acid
110 <220> FEATURE:
111 <221> NAME/KEY: SITE
112 <222> LOCATION: (3)
113 <223> OTHER INFORMATION: Xaa=Val, Ile or Leu
115 <400> SEQUENCE: 4
W--> 116 Xaa Xaa Xaa
117      1
120 <210> SEQ ID NO: 5
121 <211> LENGTH: 15
122 <212> TYPE: PRT
123 <213> ORGANISM: human
125 <400> SEQUENCE: 5
126 Asp Ser Glu Asn Ser Asn Phe Arg Asn Glu Ile Gln Ser Leu Val
127      1               5                  10                  15
130 <210> SEQ ID NO: 6
131 <211> LENGTH: 15
132 <212> TYPE: PRT
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```
143 <213> ORGANISM: rat
145 <400> SEQUENCE: 6
146 Pro Ser Ile Ser Asn Ser Arg Asn Gln Asn Glu Gly Gln Ser Leu Glu
147   1         5                   10                 15
146 <210> SEQ ID NO: 7
111 <211> LENGTH: 15
142 <212> TYPE: PRT
143 <213> ORGANISM: mouse
115 <400> SEQUENCE: 7
146 Ser Thr Pro Asp Thr Gly Asn Glu Asn Glu Gly Gln Cys Leu Glu
147   1         5                   10                 15
150 <210> SEQ ID NO: 8
151 <211> LENGTH: 1
152 <212> TYPE: PRT
153 <213> ORGANISM: Artificial Sequence
155 <220> FEATURE:
156 <223> OTHER INFORMATION: Description of Artificial
157        Sequence:source:synthesized
159 <400> SEQUENCE: 8
160 Glu Ser Leu Val
161   1
164 <210> SEQ ID NO: 9
165 <211> LENGTH: 6
166 <212> TYPE: PRT
167 <213> ORGANISM: Artificial Sequence
169 <220> FEATURE:
170 <223> OTHER INFORMATION: Description of Artificial Sequence:
171        source:synthesized
173 <400> SEQUENCE: 9
174 Thr Ile Gln Ser Val Ile
175   1             5
178 <210> SEQ ID NO: 10
179 <211> LENGTH: 8
180 <212> TYPE: PRT
181 <213> ORGANISM: Artificial Sequence
183 <220> FEATURE:
184 <223> OTHER INFORMATION: Description of Artificial
185        Sequence:source:synthesized
187 <400> SEQUENCE: 10
188 Arg Gly Phe Ile Ser Ser Leu Val
189   1             5
192 <210> SEQ ID NO: 11
193 <211> LENGTH: 8
194 <212> TYPE: PRT
195 <213> ORGANISM: Artificial Sequence
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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/230,111B

Input Set : A:\48962apl.app
Output Set: N:\CRF3\11072000\I230111B.raw

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202 Arg Glu Thr Ile Gln Ser Thr Val
203      1                       5
205 <210> SEQ ID NO: 12
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209 <213> ORGANISM: Artificial Sequence
211 <220> FEATURE:
212 <223> OTHER INFORMATION: Description of Artificial
213       Sequence:source:synthesized
215 <400> SEQUENCE: 12
216 Gln Asn Phe Arg Thr Tyr Ile Val Ser Phe Val
217      1                   5                  10
220 <210> SEQ ID NO: 13
221 <211> LENGTH: 13
222 <212> TYPE: PRT
223 <213> ORGANISM: Artificial Sequence
225 <220> FEATURE:
226 <223> OTHER INFORMATION: Description of Artificial
227       Sequence:source:synthesized
229 <400> SEQUENCE: 13
230 Ser Asp Ser Asn Met Asn Met Asn Glu Leu Ser Glu Val
231      1                   5                  10
234 <210> SEQ ID NO: 14
235 <211> LENGTH: 15
236 <212> TYPE: PRT
237 <213> ORGANISM: Artificial Sequence
239 <220> FEATURE:
240 <223> OTHER INFORMATION: Description of Artificial
241       Sequence:source:synthesized
243 <400> SEQUENCE: 14
244 Pro Pro Thr Cys Ser Gln Ala Asn Ser Gly Arg Ile Ser Thr Leu
245      1                   5                  10                  15
248 <210> SEQ ID NO: 15
249 <211> LENGTH: 15
250 <212> TYPE: PRT
251 <213> ORGANISM: Artificial Sequence
253 <220> FEATURE:
254 <223> OTHER INFORMATION: Description of Artificial
255       Sequence:source:synthesized
257 <400> SEQUENCE: 15
258 Ile Asp Leu Ala Ser Glu Phe Leu Phe Leu Ser Asn Ser Phe Leu
259      1                   5                  10                  15
262 <210> SEQ ID NO: 16
263 <211> LENGTH: 15
264 <212> TYPE: PRT
265 <213> ORGANISM: Artificial Sequence
267 <220> FEATURE:
268 <223> OTHER INFORMATION: Description of Artificial
269       Sequence:source:synthesized
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RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/230,111B

Input Set : A:\48962ap1.app
Output Set: N:\CRF3\11072000\I230111B.raw

```
271  <400> SEQUENCE: 16
272  Asp Ser Glu Met Tyr Asn Phe Arg Ser Gln Leu Ala Ser Val Val
273    1               5                10               15
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277  <211> LENGTH: 15
278  <212> TYPE: PRT
279  <213> ORGANISM: Artificial Sequence
281  <220> FEATURE:
282  <223> OTHER INFORMATION: Description of Artificial
283        Sequence:source:synthesized
285  <400> SEQUENCE: 17
286  Ile Pro Pro Asp Ser Glu Asp Gly Asn Gln Glu Gln Ser Leu Val
287    1               5                10               15
290  <210> SEQ ID NO: 18
291  <211> LENGTH: 4
292  <212> TYPE: PRT
293  <213> ORGANISM: Artificial Sequence
295  <220> FEATURE:
296  <223> OTHER INFORMATION: Description of Artificial
297        Sequence:source:synthesized
299  <400> SEQUENCE: 18
300  Gln Ser Leu Val
301    1
304  <210> SEQ ID NO: 19
305  <211> LENGTH: 5
306  <212> TYPE: PRT
307  <213> ORGANISM: Artificial Sequence
309  <220> FEATURE:
310  <223> OTHER INFORMATION: Description of Artificial Sequence:source
311        synthesized
313  <400> SEQUENCE: 19
314  Ile Gln Ser Leu Val
315    1               5
316  <210> SEQ ID NO: 20
319  <211> LENGTH: 6
320  <212> TYPE: PRT
321  <213> ORGANISM: Artificial Sequence
323  <220> FEATURE:
324  <223> OTHER INFORMATION: Description of Artificial
325        Sequence:source:synthesized
327  <400> SEQUENCE: 20
328  Glu Ile Gln Ser Leu Val
329    1               5
332  <210> SEQ ID NO: 21
333  <211> LENGTH: 7
334  <212> TYPE: PRT
335  <213> ORGANISM: Artificial Sequence
337  <220> FEATURE:
338  <223> OTHER INFORMATION: Description of Artificial
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VERIFICATION SUMMARY
PATENT APPLICATION: US/09/230,111B

Input Set : A:\48962ap1.app
Output Set: N:\CRF3\11072000\I230111B.raw

```
L:49  M:341  W: (45) "n" or "Xaa" used, for SEQ ID#:1
L:74  M:341  W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:115 M:341  W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:1506 M:258 W: Mandatory feature missing, <221> not found for SEQ ID#:31
L:1519 M:258 W: Mandatory feature missing, <222> not found for SEQ ID#:31
L:1606 M:340 W: (15) "n" or "Xaa" used; feature required, for SEQ ID#:31
L:1621 M:258 W: Mandatory feature missing, <221> not found for SEQ ID#:32
L:1623 M:258 W: Mandatory feature missing, <222> not found for SEQ ID#:32
L:1624 M:340 W: (46) "n" or "Xaa" used; feature required, for SEQ ID#:32
L:1640 M:258 W: Mandatory feature missing, <221> not found for SEQ ID#:33
L:1640 M:258 W: Mandatory feature missing, <222> not found for SEQ ID#:33
L:1640 M:340 W: (46) "n" or "Xaa" used; feature required, for SEQ ID#:35
```